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Prepared by: Darren Sanders
Engineering

Approved by: Lisa Kelly
County Attorney

A RESOLUTION APPROVING AN APPROPRIATION IN THE AMOUNT OF \$99,628.00 TO THE SHELBY COUNTY ROADS AND BRIDGES DEPARTMENT FOR ARMORING THE BANKS OF THE WOLF RIVER AGAINST EROSION AT THE HOUSTON LEVEE ROAD BRIDGE AND THIS ITEM REQUIRES AN EXPENDITURE OF COUNTY CIP FUNDS IN THE AMOUNT OF \$24,907.00 AND FEDERAL GRANT FUNDS IN THE AMOUNT OF \$74,721.00 FOR A TOTAL AMOUNT OF \$99,628.00. SPONSORED BY COMMISSIONER WYATT BUNKER.

WHEREAS, Shelby County has partnered with the Tennessee Department of Transportation (TDOT) to construct the Houston Levee Road Bridge over the Wolf River with a cost share of Twenty-Five percent (25%) or Twenty Four Thousand Nine Hundred and Seven Dollars (\$24,907) from Shelby County Government (local funds) and Seventy-Five percent (75%) or Seventy Four Thousand Seven Hundred Twenty One Dollars (\$74,721) in federal funds; and

WHEREAS, The installation of rip-rap is necessary under the bridge to prevent erosion rills and gullies from forming along the river banks; and

WHEREAS, The County Roads and Bridges Department has the skilled personnel and necessary equipment to perform the installation; and

WHEREAS, TDOT has approved Shelby County's request to utilize local forces for this work; and

WHEREAS, It is necessary to appropriate \$99,628.00 from Encumbrance S004109 to the County Roads and Bridges Department for completion of this work.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF SHELBY COUNTY, TENNESSEE, That the appropriation of \$99,628.00 to the Shelby County Roads and Bridges Department for armoring the banks of the Wolf River at the Houston Levee Road Bridge with a cost share of Twenty-Five percent (25%) or Twenty Four Thousand Nine Hundred and Seven Dollars (\$24,907) from Shelby County Government (local funds) and Seventy-Five percent (75%) or Seventy Four Thousand Seven Hundred Twenty One Dollars (\$74,721) in federal funds is hereby approved.

BE IT FURTHER RESOLVED, That the Mayor and the Director of Administration and Finance are hereby authorized to issue their warrant or warrants in amounts not to exceed \$99,628.00 for the purposes contained in this resolution and to take proper credit in their accounting therefore.

A C Wharton, Jr.
Shelby County Mayor

Date _____

ATTEST:

Clerk of County Commission

ADOPTED _____

SUMMARY

I. Description of Item

A RESOLUTION APPROVING AN APPROPRIATION IN THE AMOUNT OF \$99,628.00 TO THE SHELBY COUNTY ROADS AND BRIDGES DEPARTMENT FOR ARMORING THE BANKS OF THE WOLF RIVER AGAINST EROSION AT THE HOUSTON LEVEE ROAD BRIDGE AND THIS ITEM REQUIRES AN EXPENDITURE OF COUNTY CIP FUNDS IN THE AMOUNT OF \$24,907.00 AND FEDERAL GRANT FUNDS IN THE AMOUNT OF \$74,721.00 FOR A TOTAL AMOUNT OF \$99,628.00. SPONSORED BY COMMISSIONER WYATT BUNKER.

II. Source and Amount of Funding

The Houston Levee Road Bridge over the Wolf River is cost-shared between Shelby County (25%) and TDOT (75%). The Project funds that were originally encumbered in 2003 are sufficient to cover the \$24,907 local match; and TDOT has granted approval for its share amount of \$74,721.

A. Amount Expended/Budget Line Item

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| 1. Construction Costs for the Houston Levee Roadway and Bridge over the Wolf River | |
| a. TDOT (75% of bridge costs) | \$3.164 M |
| b. Shelby County (25% of bridge costs) | \$1.055 M |
| c. Shelby County (100% of roadway approaches) | <u>\$2.214 M</u> |
| Total Construction Costs | \$6.433 M |

B. All Costs (Direct/Indirect)

1. Design: \$652,634
2. Right-of-way: \$186,937
3. Construction Costs: \$6,433,065 (TDOT - \$3.164 M; Shelby County - \$3.269 M)

III. Additional Information Relevant to Approval of This Item

The Houston Levee Road Bridge over the Wolf River is developing erosion rills and gullies along the river banks beneath the decking. Armoring is necessary to stabilize the loose soils and prevent further erosion. A failure to complete this work could possibly result in the assessment of penalties from the Tennessee Department of Environment and Conservation (TDEC). Shelby County has been approved by TDOT to use local forces from the Roads and Bridges Department and funding for this bridge work is being provided from the encumbered project funds that are cost-shared between Shelby County (25%) and TDOT (75%).